

D A I L Y

F I E L D

R E P O R T

DATE: March 24, 1987

TIME: 0700 to 1300

PLACE: Cerro Copper
Triangular Parcel

WEATHER: Cloudy, 50s

PROJECT: JOB 10224A

CERRO COPPER

IEPA RI/FS OVERSIGHT

DISTRIBUTION:

S. Silverstein, Cerro (3 copies)

JBC/LJO/ED 10224-1.3

PERSONNEL ON SITE:

<u>Name</u>	<u>Affiliation</u>	<u>Hours</u>
Dave Guyan	Sverdrup	6
Dan Sewall	Ecology & Environment (E&E)	6
Kevin Phillips	Ecology & Environment (E&E)	6
Bridget Haugh	Ecology & Environment (E&E)	6

FIELD WORK SUMMARY:

1. D. Guyan arrived at Metro Field Office at 0700. Dan Sewall, Kevin Phillips and Bridget Haugh were preparing for the days work.
2. B. Haugh set up sampling equipment at Well EE-11 (see Attachment A). She wore a Saranex suit, gloves, overboots and used a clean bailer to purge 3-5 well volumes. Water from the well was first placed into a five-gallon bucket and then poured into the 55-gallon drum used during the well development. After purging the well, she began filling the 40-mil VOA (Volatile Organic) vials directly from the bailer. She next filled the metals and cyanide bottles and alternated filling Cerro's bottles and their own. The final bottles filled were the gallon jugs.
3. K. Phillips set up equipment at well EEG-106. He wore the same protective clothing and followed the same purging and sampling procedure as B. Haugh. D. Guyan split time observing each sampler's techniques.
4. Personnel completed sampling at 0850 and returned to field office. D. Sewall began filtering these samples.
5. Sewall completed filtering and adding preservatives at 0945. He gave D. Guyan a complete set of sample bottles along with the

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chain-of-custody record (see Attachment B). Sewall said that E&E would be removing the 55-gallon drums from Cerro's property today as soon as they could rent a truck with a lift gate. He said to return at 1045 and they should be ready to get back on Cerro's land. D. Guyan departed the field office to place ice on the samples and stored them with the samples collected March 23.

6. D. Guyan returned to field office at 1045. D. Sewall had not yet returned with the rental truck.
7. D. Sewall returned at 1115 with the rental truck. Sewall and Phillips prepared equipment to remove the drums.
8. D. Guyan, D. Sewall and K. Phillips entered Cerro's plant at 1200. They went to well EE-13 and used a barrel cart to haul the drum from the well to the truck. The barrel was set on the lift gate and then raised to the bed of the truck. This procedure was followed for the remaining five drums onsite.
9. D. Sewall told D. Guyan they would not be back until mid-April to perform slug tests and again in May to record a final water level measurement. All personnel departed site at 1245. D. Guyan returned to Sverdrup office to obtain supplies to prepare samples for shipment.
10. D. Guyan returned to Cerro plant at 1400 to prepare samples stored in the storeroom. The sample bottles were wiped off and labels were placed on them. The bottles were then securely packed in a cooler and covered with ice. Larry Oliver told D. Guyan to send only the samples from monitoring wells EE-13, EE-15, EE-20 and EE-11 to the lab for analysis. These samples were sent to Daily Analytical Laboratories in Peoria, IL via Greyhound Package Express. The remaining samples will be kept in Cerro's locked storeroom.
11. D. Guyan returned to Sverdrup office at 1600.
12. D. Guyan took 8 pictures of the field activities.

Attachments

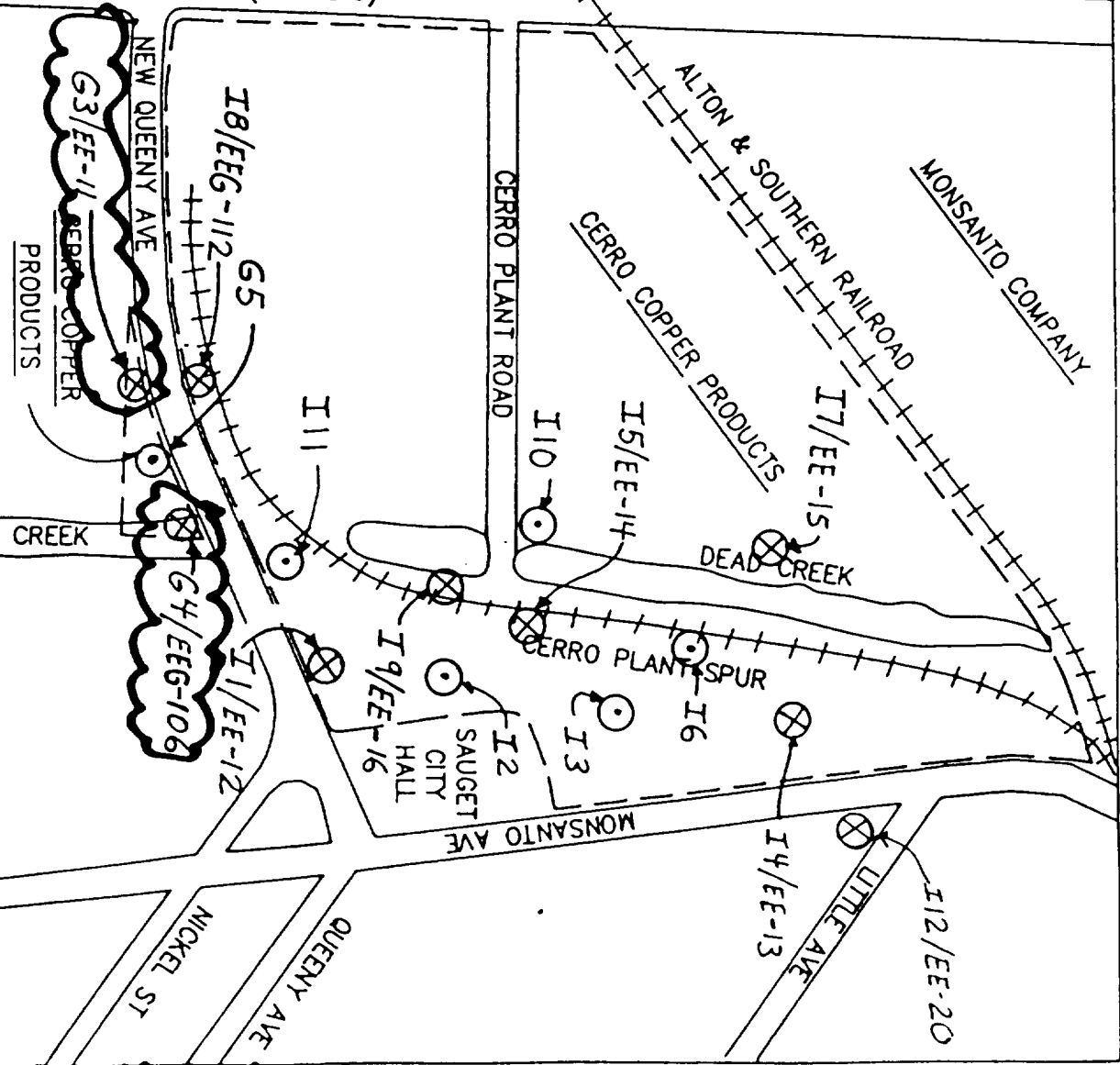

Sverdrup Corporation

N
SCALE: 1" = 400'

- LEGEND
- CERRO COPPER PROPERTY LIMITS
 - ⊗ GROUNDWATER MONITORING WELL
 - SOIL BORING

TERMINAL RAILROAD
MONSANTO COMPANY
CERRO COPPER PRODUCTS
MIDWEST RUBBER RECLAIMING

MISSISSIPPI AVE (ROUTE 3)



NOTE: NUMBERING LEGEND =
BORING HOLE TA/WELL TA
SITE MAP AND E & E WORK AREAS

ATTACHMENT 12



ecology and environment, inc.

195 SUGG ROAD, P.O. BOX D, BUFFALO, N.Y., 14226, TEL. 716-632-4401
International Specialists in the Environment

CHAIN-OF-CUSTODY RECORD

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Distribution: Original Accompanies Shipment; Copy to Coordinator Field Files

*See CONCENTRATION RANGE on back of form.

234056

ATTACHMENT B

ATTACHMENT B

GREYHOUND BUSBILL Co. <u>615</u>		162 718 739 7		FORWARDING AGENT <u>Ku</u>	
DESTINATION STATION <u>Peoria, Ill.</u>		STATE <u>Ill.</u>			
CONSIGNEE <u>Chely Analytical Lab</u>		PHONE <u>(309) 192-5252</u>		MO <u>32</u> DAY <u>18</u> YEAR <u>81</u> TIME <u>10</u>	
STREET ADDRESS		DECL. VALUE \$ <u>108</u>		ACTUAL WT. <u>108</u> LBS	
NO. OF PIECES <u>2</u>		ENV. <input checked="" type="checkbox"/> SACK <input checked="" type="checkbox"/>		EXPRESS CHARGES \$ <u>20.35</u>	
CONTENTS <u>2 coolers</u>		DO NOT WRITE IN THIS SPACE		CHARGES ADVANCED \$	
DIMENSIONAL WEIGHT INFORMATION		ROUTING		PICK UP CHARGES \$	
X X =		INSERT EACH COMPANY'S ABBREVIATION AND JUNCTION POINT ON LINES BELOW		DELIVERY CHARGES \$	
SHIPPER'S NAME <u>Lundrup Corp.</u>		COMPANY <u>377</u>		VALUE CHARGES \$	
STREET ADDRESS <u>801 So. 11th St.</u>		TO		SUB TOTAL \$	
ORIGIN CITY & STATE <u>ST. LOUIS, MISSOURI 63101</u>				STATE TAX \$	
				TOTAL PREPAID \$ <u>20.35</u>	

1 SHIPPER'S RECEIPT

PREPAID

NO.

DATE

AMOUNT

FORM OP - 17 (1-80) PRINTED IN U.S.A.